

7-SUBSTITUTED TRIAZOLOPYRIMIDINE DERIVATIVE AND ITS PREPARATION**Publication number:** JP56131587**Publication date:** 1981-10-15**Inventor:** TOUNO TAKEO; HAYASHI EISAKU; KATORI
TATSUHIKO**Applicant:** SS PHARMACEUTICAL CO**Classification:****- International:** C07D487/04; A61K31/505; A61P35/00; C07D487/00;
A61K31/505; A61P35/00; (IPC1-7): A61K31/505;
C07D487/04**- European:****Application number:** JP19800033400 19800318**Priority number(s):** JP19800033400 19800318[Report a data error here](#)**Abstract of JP56131587**

NEW MATERIAL: A 7-substituted triazolopyrimidine derivative of formula I [R is group of CN, p-tolylsulfonyl, -COR1 (R1 is amino or substituted amino), etc.]. EXAMPLE: 7-(p-Tolylsulfonyl)-3-phenyl-3H-1,2,3-triazolo[4,5-d]pyrimidine. USE: An antitumor agent. PROCESS: A triazolopyrimidine of formula II (X1 is halogen) is reacted with an alkali cyanide or a salt of p-toluenesulfinic acid in a solvent, e.g. DMF, under cooling with ice to room temperature to give a compound of formula Ia (R4 is cyano or p-tolylsulfonyl).

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